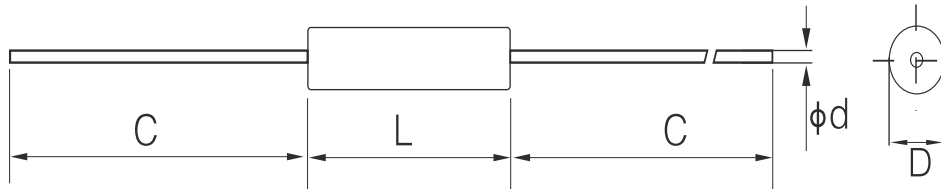




## Features

- I High stability, high precision, moisture proof
- II Measure up GJB1929-1994
- III Temp.range:-65°C~175°C
- IV Stability: ±0.5%,125°C,1000h
- V Mold style

## Dimensions



Type	Power (70°C)	Dimensions(mm)			
		L ± 0.3	D ± 0.3	C ± 2	d ± 0.05
EE1	1/8W	3.9	1.8	26	0.50
EE2	1/4W	7.0	2.5	35	0.60
EE3	1/2W	10.0	3.5	35	0.60
EE4	3/4W	14.8	5.2	35	0.60
EE5	1W	18.3	6.5	35	0.80

## Ordering Information

Example:

EE	1	D	10R0	C10	B
(1)	(2)	(3)	(4)	(5)	(6)
Series Name	Power Rating	Resistance Tolerance	Resistance	T.C.R	Packing

(1)Type: EE SERIES

(2)Power Rating: 1/8=1/8W,1/4=1/4W,1/2=1/2W,3/4=3/4W,1=1W

(3)Tolerance: P= ±0.02%,W= ±0.05%,B= ±0.1%,C= ±0.25%,D= ±0.5%,F= ±1%

(4)Resistance Value:10R0=10Ω

(5)T.C.R:C8= ±3PPM,C7= ±5PPM,C6= ±10PPM,C5= ±15PPM,C4= ±20PPM,C3= ±25PPM,C2= ±50PPM

(6)Packing:B=BOX

Packing:Plastic recloseable bags(moq:30pcs)。

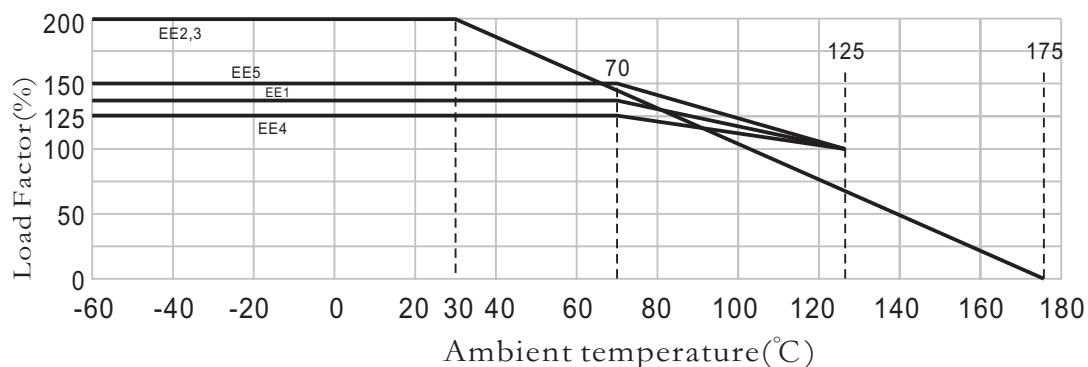
## Reference Standards

JISC 5201-1

## Applications And Ratings

Rated Power(W)	TYPE OF GJB1929-1994	Power Rating at tu °C (W)			MaxWorking Voltage	Resistance Range(Ω)	Tolerance Range	T.C.R
		70°C	100°C	125°C				
1/8	RJ52	0.125	0.057	0.050	200	10R~2M0	P(±0.02%) W(±0.05%) B(±0.1%) C(±0.25%) D(±0.5%) F(±1.0%)	C7(±5),C6(±10), C5(±15),C4(±20), C3(±25),C2(±50)
1/4	RJ53	0.25	0.110	0.100	250	1R~3M		
1/2	RJ54	0.5	0.173	0.125	300	1R~3M		
3/4	RJ55	0.75	0.350	0.250	350	1R~3M		
1	RJ56	1	0.610	0.500	400	1R~3M		

## Derating Curve



## Performance

Test Items	Performance	Test Methods(JIS C 5201-1)
Short time overload	$\leq \pm (0.25\%R + 0.05\Omega)$	2.5VR,5S
Thermal shock	$\leq \pm (0.25\%R + 0.05\Omega)$	-65°C ~ 175°C, 5cycles
Low temp.operation	$\leq \pm (0.25\%R + 0.05\Omega)$	-65°C, P <sub>R</sub> , 1h
Dielectric strength	$\leq \pm (0.25\%R + 0.05\Omega)$	1000V <sub>AC</sub> , 1min
Leaching	$\leq \pm (0.1\%R + 0.05\Omega)$	260°C, 10s
Resistance to moisture	$\leq \pm (0.5\%R + 0.05\Omega)$	-10°C ~ 65°C, RH80-98%, 240h
Load life	$\leq \pm (0.5\%R + 0.05\Omega)$	125°C, P <sub>R</sub> , 1000h
Shock	$\leq \pm (0.25\%R + 0.05\Omega)$	1000m/s <sup>2</sup> , 6ms
Vibration	$\leq \pm (0.25\%R + 0.05\Omega)$	10~1000Hz, 0.75mm, 200m/s <sup>2</sup>